

Bug-Proof Lesson Plan

YOUR NAME:	
Pick a lesson from your unit in Dr. Grace's class. Write a short summary of that lesson plan. Be sure to describe what technology you plan for your students (and you) to use:	Lesson 3 involves making a video product they will show featuring a lava lamp to show how heat causes mantle material to rise. It will involve using a lava lamp, the video camera in students' laptops, and the iMovie software.
<i>GNAT</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is a temporary problem/issue that could happen to your equipment (the teacher's computer) that would affect your plan. The technology might get fixed before your lesson is over, but might not. What "bug" did you pick:	For showing of videos, projector not working / unavailable. Can't view videos on the Big Screen.
What could you do that would allow the learning to continue without the technology or in a modified way?	Spare dongle. Have students access class wiki artifacts page to view them on laptops. Teacher stands in back to ensure students are on the correct page.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	Set up class artifacts page. Have students email a link to you / post it to this page. Buy a spare dongle.
<i>BLACK FLY</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is an all-day problem/issue that could happen to you or your students' equipment that would affect your plan. What "bug" did you pick:	Internet is down
What could you do that would allow the learning to continue without the technology or in a modified way?	Students set up their laptop with the video ready to play. Set up a viewing station in each room corner. Students get into groups of 6 and view each one, and move from station to station until all have been viewed (and heard)
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	Videos must be resident on their laptops. No cloud storage.

DEADLY ASIAN HORNET

Look at the class list of possible problems and pick one (or make up your own) that is something that is a multi-day problem/issue that could happen to you and your students' equipment that would affect your plan. What "bug" did you pick:	Lava Lamp not working.
What could you do that would allow the learning to continue without the technology or in a modified way?	Use a second, spare. Have a spare bulb. Students watch online video of a lava lamp and discuss how it functions while I set up.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	Buy a backup lamp and bulb. Have a backup video cued up, open in a tab, or resident on my laptop.